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PATENTS  
LT-140

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Steven D. Roach

Application No. : 10/003,096 Confirmation No. : 5186

Filed : December 6, 2001

For : CIRCUITRY AND METHODS FOR IMPROVING  
THE PERFORMANCE OF A LIGHT EMITTING  
ELEMENT

Group Art Unit : 2817

Examiner : James Vu

Hon. Commissioner  
for Patents  
Washington, D.C. 20231

March 7, 2003  
New York, New York

TECHNOLOGY CENTER 2300

RECEIVED

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SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97, applicants wish to call the attention of the Examiner to the following documents:

Other Documents

S. Maricot, J.P. Vilcot and D. Decoster,  
"Improvement of Microwave Signal Optical Transmission by  
Passive Matching of Optoelectronics Devices", *Microwave  
Opt. Technology*, Vol. 4, No. 2, 1991, pp. 591-595.

S. Maricot, J.P. Vilcot, D. Decoster, J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau and B. deCremoux,  
"Monolithic Integration of Optoelectronics Devices with  
Reactive Matching Networks for Microwave Applications", *IEEE  
Photonics Technology Letters*, Vol. 4, No. 11, November  
1992, pp. 1248-1250.

S. Maricot, J.P. Vilcot, D. Decoster, J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau and B. deCremoux, "Reactively Matched Optoelectronics Transceivers on InP Substrate for 6 Ghz Operation", IEEE MTT-S International Microwave Symposium Digest, Vol. 2, June 14-18, 1993, pp. 1067-1070.

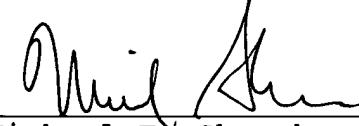
J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau, S. Maricot, J.P. Vilcot and D. Decoster, "Monolithic Integration of Both GaInAs Photodiodes and GaInAsP Lasers with Impedance Matching Circuits for 6 Ghz Transmissions", Proc. 4th Conf. InP Related Materials, April 1992, pp. 78-81.

Copies of these documents are enclosed herewith.

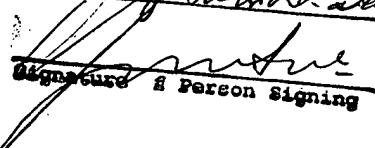
It is respectfully requested that these documents be: (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449 (submitted in duplicate herewith), as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

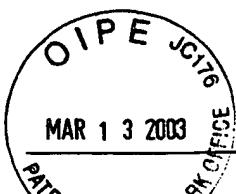
Respectfully submitted,

  
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I Herby Certify that this Correspondence is being Deposited with the U.S. Postal Service as First Class Mail in an Envelope Addressed to:  
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Signature of Person Signing

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| FORM PTO-1449                                    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>LT-140      | SERIAL NO.<br>10/003,096 |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT |  | APPLICANT<br>Steven D. Roach    | CONFIRMATION NO.<br>5186 |
|  |  | FILING DATE<br>December 6, 2001 | GROUP<br>2817            |



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
|---------------------|--------------------|------|------|-------|----------|----------------------------------|
|                     |                    |      |      |       |          |                                  |
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER<br>INITIAL |   |
|---------------------|---|
|                     | S. Maricot, J.P. Vilcot and D. Decoster, "Improvement of Microwave Signal Optical Transmission by Passive Matching of Optoelectronics Devices", <i>Microwave Opt. Technology</i> , Vol. 4, No. 2, 1991, pp. 591-595.  |
|                     | S. Maricot, J.P. Vilcot, D. Decoster, J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau and B. deCremoux, "Monolithic Integration of Optoelectronics Devices with Reactive Matching Networks for Microwave Applications", <i>IEEE Photonics Technology Letters</i> , Vol. 4, No. 11, November 1992, pp. 1248-1250. |
|                     | S. Maricot, J.P. Vilcot, D. Decoster, J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau and B. deCremoux, "Reactively Matched Optoelectronics Transceivers on InP Substrate for 6 Ghz Operation", <i>IEEE MTT-S International Microwave Symposium Digest</i> , Vol. 2, June 14-18, 1993, pp. 1067-1070.            |
|                     | J.C. Renaud, D. Rondi, P. Hirtz, R. Blondeau, S. Maricot, J.P. Vilcot and D. Decoster, "Monolithic Integration of Both GaInAs Photodiodes and GaInAsP Lasers with Impedance Matching Circuits for 6 Ghz Transmissions", <i>Proc. 4th Conf. InP Related Materials</i> , April 1992, pp. 78-81                  |
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.